GENNA COHN 9TH GRADE/SOCIAL STUDIES

MIDTERM LESSON PLAN (TWO-DAY LESSON – NEED TIME FOR RESEARCH/POSTER/PRESENTATIONS)

AIM: What are the major types of pollution and how do they impact the environment?

DO NOW (7 MINUTES): (Picture of Great Pacific Garbage Patch)

1. Describe the above image. How would you define the “Great Pacific Garbage Patch”?
2. What do you think caused or led to the creation of it?

STUDENT OBJECTIVES:

1. To enhance student understanding of various types of pollution, as well as their effects on the environment.
2. To build student awareness of his/her impact on the environment, and how they can help to reduce or minimize pollution.

TEACHER OBJECTIVE: To engage students through student-centered activities that allow choice and cooperative exploration of the content (3C).

MATERIALS/RESOURCES: poster paper, markers, relevant books/websites for research

GROUPS: Heterogeneous

ACTIVITIES:

1. Students will be divided into heterogeneous groups and each group will be given a type of pollution to research. Some of these include: air pollution, water pollution, land pollution, etc. Groups will use their research to answer the following questions: (1) What factors lead to this type of pollution? (2) What are the effects of this type of pollution on the environment? (3) What can be done to counter or eliminate these effects? (20 MINUTES FOR RESEARCH/NOTES)
2. Students will then create a poster about their type of pollution and present it to the class. The poster must contain a title, three relevant images and bulleted information that answers the above research questions. Also, students will be shown a model poster for reference. Students will be assessed using a rubric (below). (50 MINUTES FOR EACH GROUP TO CREATE AND THEN PRESENT POSTER)

SUMMARY/REFLECTION (8 MINUTES):

1. Which type of pollution do you feel poses the greatest threat to the environment? Why?
2. What can you personally do to reduce any of the forms of pollution discussed today? What do you plan on doing?

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| CATEGORY | **2** | **1** | **0** | **Points** |
| **GROUP WORK/COOPERATION** | Work is divided equally among group members. Group members are working cooperatively. | Work is divided only somewhat evenly among group members. Some members are clearly doing more/cooperating more than others. | Only one or two members of the group are doing all the work. Some members are doing nothing. |  |
| **POSTER: INFORMATION** | Poster contains appropriate title and accurate information that completely answers all three research questions. | Poster contains appropriate title and mostly accurate information that satisfactorily answers all three research questions. | Poster does not contain appropriate title. Some information is inaccurate or not all questions are answered. |  |
| **POSTER: IMAGES** | Poster contains three relevant images. | Poster contains only two relevant images. | Poster contains less than two relevant images or irrelevant images. |  |
| **PRESENTATION** | All group members have a role in the presentation. Presentation is clear, logical and audible. | Only some group members have a role in the presentation. Presentation is only somewhat clear, logical and audible. | Presentation is not evenly divided among group members. Presentation is unclear, illogical or inaudible. |  |